
Product Data Sheet

Product Name: Kendomycin

Cat. No.: GC18501

Chemical Properties

Cas. No. 183202-73-5

Chemical Name (13E)-6R,7S,8R,9R,10,11,12S,15,16S,17,18S,19S-dodecahydro-4,7,19-trihydroxy-2,6,8,12,14,16,18-heptamethyl-1,19:5R,9-diepoxybenzocyclooctadecen-3(5H)-one

SMILES C[C@@H](CC[C@]1([H])[C@H](C)[C@H](O)[C@@H](C)[C@](O1)([H])C2=C(O)C3=O)/C=C(C[C@@H](C)C[C@H](C)[C@@]4(O)C=C2C(O4)=C3C)\C

Formula	C ₂₉ H ₄₂ O ₆	M.Wt	486.6
---------	--	------	-------

Solubility	Soluble in DMSO	Storage	Store at -20°C
------------	-----------------	---------	----------------

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Kendomycin is a macrolide from *Streptomyces* which displays potent cytotoxicity against several carcinoma cell lines (GI₅₀ < 100 nM). It also acts as an endothelin receptor antagonist and has antiosteoporotic activities. Certain effects are thought to be mediated through inhibition of proteasomal degradation of proteins.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA
